

| Name  | Research Interests   | Suggested Topics  | Description   | References  |
|---|--|---|---|---|
| AKERLOF, Robert   | Behavioural economics  |   |   |   |
|   | Contract theory/Organizational Economics   |   |   |   |
|   | Cultural and Social Norms  |   |   |   |
| ALMUNIA, Miguel   | Public Economics   | Policy Evaluations using the synthetic control method               |   | Abadie, Diamond and Hainmueller (2010) 'Synthetic Control Methods for Comparative Case Studies', Journal of the American Statistical Association. |
|   | Development Economics  |   |   |   |
| AQUARO, Michele   | Priority for MSFE students<br>Panel data econometrics<br>Spatial econometrics<br>Robust statistics |   |   |   |
| ARULAMPALAM, Wiji   | Empirical application using cross-section or panel data in the fields of development               |   |   |   |
|   | Education  |   |   |   |
|   | Health   |   |   |   |
|   | Labour   |   |   |   |
| BEKER, Pablo  | Theoretical explanations for the dynamics of asset prices  | Do markets favour (more) rationality?                               | Explanations for momentum and reversals in asset returns  |   |
|   | Evolution of rationality   | Do markets favour more efficient firms?                             | Explanations for the dynamics of asset trading  |   |
|   | Evolution of technologies  | The role of cash constraints in procurement                         |   |   |
|   | Production under incomplete markets  | The role of cash constraints in patent races.                       |   |   |
| BOERO, Gianna   | Priority for MSFE students   |   |   |   |
| BROLLO, Fernanda  | Political economics  | Politicians, Firms and Political Business Cycle                     | The idea is to test whether politically connected firms alter their hiring and firing decision in order to help politicians get elected. The project will use detailed data from Brazilian municipalities on local elections, campaign donations, and firm-level employment. The project requires extensive data work with large datasets, so knowledge of STATA would be required. |   |
|   | Public finance   | Who Becomes a Bureaucrat?   | to those of private sector workers to understand who becomes a public sector worker and what the career path of these workers looks like. The project will use detailed individual-level data from Brazil. The project requires extensive data work with large datasets, so knowledge of STATA would be required.   |   |
|   | Development economics  |   |   |   |
| CAVE, Jonathan  | Economic Theory  |   |   |   |
|   | Industrial Economics   |   |   |   |
|   | Financial economics  |   |   |   |
|   | Game theory (esp. on networks) and complexity  |   |   |   |
|   | Regulation (consumer protection and antitrust) and standardisation                                 |   |   |   |
| ICT-related issues (e.g. cloud computing, net neutrality, telecom regulation, eCommerce, privacy) |  |   |   |   |
| CHEN, Mingli  | Econometrics   |   |   |   |
|   | Time Series Econometrics   |   |   |   |
|   | Financial Econometrics   |   |   |   |
|   | Industrial Organization  |   |   |   |
| CHEN, Natalie   | International trade  |   |   |   |
|   | International macroeconomics.  |   |   |   |
| CHOY, James   | Priority for MSFE students   |   |   |   |
| COUTTO, Tatiana   | International relations  |   |   |   |
|   | Institutional analysis   |   |   |   |
|   | EU politics and policy making  |   |   |   |
|   | Brazilian foreign policy   |   |   |   |
|   | Qualitative method   |   |   |   |
| CRAFTS, Nick  | The Industrial Revolution  |   |   |   |
|   | British relative economic decline  |   |   |   |
|   | The history of general purpose technologies  |   |   |   |
|   | Why growth rates differ  |   |   |   |
|   | Competition policy topics (almost any)   | Policy analyses in relation to addictive goods (e.g. illicit drugs) |   |   |
|   | IO models in relation to sports  | Crime and drugs   |   |   |

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| DOYLE, Chris  | Economic impact assessments of major sporting events | Testing for mixed strategies using data from sporting contests (e.g. tennis serves, penalty kicks. or by looking at senior managers decision making) |   |  |
|               | Regulation topics (esp. telecoms)                    | 1 and 2 are related whereas 3 is distinct  |   |  |
|               | Spectrum auctions – empirical assessments            |  |   |  |
| ELASRA, Amira | Economics of Education                               | Investigating affective and/or post school educational outcomes vs cognitive outcomes  | The project should be investigating the effect of key educational input(s) on affective and/or post school outcomes. An additional angle could include a comparison with cognitive school outcome. The LSYPE/NPD are possible data sources  |  |
|               |  | Family structure and child's outcomes  | This project should be examining the possible effects of having a step sibling and/or the cause of family disruption on children's educational outcomes. The LSYPE/NPD are possible data sources  |  |
|               |  | Teachers's quality as a determinant of educational outcomes  | The project should be to examine the overall teacher index combining both observable teacher inputs about his/her level of education, experience and salary with the student's perception of his/her teacher to draw a clearer conclusion about the full nature of the teacher effect. The LSYPE/NPD/Ofsted are possible data sources |  |
|               |  | School resources vs school processes in determining school quality and students outcomes   | This project should examine a comparison between the effect of school resources and processes as factors affecting educational outcomes at the student level and/or school level  |  |
|               |  | The role of school process factors in determining educational outcomes   | The project should focus on using Ofsted database to examine the effect of school processes factors in determining students' outcomes   |  |
|               | Applied Statistics and Economics                     | The application of multiple imputation of missing data in Educational Production functions   | Missing data is considered a key problem in handling large datasets especially longitudinal studies such as the LSYPE. This project should try to apply a multiple imputation technique to impute missing data and use it to investigate an original research question.   |  |

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|---------------------------|--|---|---|--|
| FENSKE, James             | Economic History<br>Development Economics  | The effect of genetic distance between human populations on the spread of the Green Revolution in India   |   |  |
|                           |  | Drought and Child Marriage in Early Twentieth Century Uttar Pradesh   |   |  |
|                           |  | The effect of the creation of new states in Nigeria on child mortality rates of ethnic minority groups  |   |  |
|                           |  | The effect of missionaries on the development of land tenure in Nigeria   |   |  |
|                           |  | The effect of education on the development of land tenure in Nigeria  |   |  |
|                           |  | The distributional effects of resource booms across ethnic groups in Africa: evidence from satellite data on luminosity   |   |  |
| GADENNE, Lucie            | Public Finance   | Tax structures in the developing world over the last 20 years.  | This project would i) try to replicate the results regarding tax structure and development in Gordon & Li (2009) for the more recent period, analyze and interpret any changes in the past 20 years in the light of theories in the field of public finance in developing countries and ii) attempt to go one step further by looking at tax structure in more details. |  |
|                           | Development Economics  | Corruption and campaign contributions amongst Brazilian local governments   |   |  |
|                           | Political Economy  |   |   |  |
| GLAZER, Jacob             | Health Economics   |   |   |  |
|                           | Theoretical Industrial Organization  |   |   |  |
|                           | Game Theory  |   |   |  |
| GOZZI VALDEZ, Juan Carlos | International Finance  |   |   |  |
|                           | Banking and Financial Institutions   |   |   |  |
|                           | Corporate Finance  |   |   |  |
| GUPTA, Bishnu             | Economic History of Developing countries   |   |   |  |
|                           | Economic Development   |   |   |  |
|                           | Economic Demography  |   |   |  |
| HAMMOND, Peter            | Economic theory, especially decision and game theory, social choice, and mechanism design together with their relationship to maths, philosophy, probability and statistics. | In the recent past I have supervised a few successful MSc dissertations on unusual topics such as: a) using quantum logic in mathematical psychology; b) looking for causal links between GDP and an index of the mood expressed in the lyrics of contemporary popular songs. |   |  |
| HARKINS, Andrew           | Social network theory, game theory,  |   |   |  |
|                           | Organisational/industrial economics  |   |   |  |
|                           | Segregation in schools or friendship networks  |   |   |  |
| HARRISON, Mark            | Historical Economics of Development  |   |   |  |
|                           | Political economics of authoritarian regimes   |   |   |  |
|                           | Economic history of the two World Wars and the Cold War  |   |   |  |
|                           | Defence, conflict and security: consider these topics if you have studied them previously.   |   |   |  |
| HERRERA, Helios           | Macroeconomics   |   |   |  |
|                           | Politics and Economics   |   |   |  |
|                           |  |   |   |  |
| HIDIR, Sinem              | Contract Theory  |   |   |  |
|                           | Information Economics  |   |   |  |
|                           | Game Theory  |   |   |  |

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|---------------------|---|---|--|--|
| IMBERT, Clement     | Development Economics   |   |  |  |
|                     | Labour Economics  |   |  |  |
|                     | Migration   |   |  |  |
| JAVIDANRAD, Farzad  | Stock-flow consistent modelling   |   |  |  |
|                     | Post-Keynesian economics  |   |  |  |
|                     | Economic History  |   |  |  |
|                     | Heterodox Economics   |   |  |  |
|                     | Monetary Theory of Production   |   |  |  |
|                     | Financialisation  |   |  |  |
| JELONEK, Piotr      | Modelling risk arising from:  | Any topic in the broad area of economics or finance involving uncertainty or risk.  |  |  |
|                     | Heterogeneity, interaction and dependence:  |   |  |  |
|                     | Systemic stability, multi-agent systems, heavy-tailed econometrics  |   |  |  |
| JONES, Elizabeth    | Education markets, the returns to education and developments in educational policy – both school and higher.          |   |  |  |
|                     | Healthcare markets, government intervention and implications for policy. Not econometrics.                            |   |  |  |
| KARALIS ISAAC, Alex | Applied macro and econometrics, especially time-varying and non-linear models of business cycles and monetary policy. |   |  |  |
|                     | Some experience of discrete choice models in health applications  |   |  |  |
| KENDRICK, Abby      | History of Economic Thought, esp. distributive justice  | The Relationship Between Economic Freedom and Political Freedom                     |  | Emma Rothschild and Amartya Sen, "Adam Smith's Economics," in The Cambridge Companion to Adam Smith, edited by Knud Haakonssen (2006). Milton Friedman, Capitalism and Freedom 40th Anniversary Edition (2002).  |
|                     | Multidimensional measures of poverty and inequality   | Beliefs About Inequality: What, When, Who and Why?                                  |  | Leslie McCall. The Undeserving Rich: Americans' Beliefs About Inequality, Opportunity and Redistribution (2013). Martin Gilens. Why Americans Hate Welfare: Race, Media and the Politics of Amartya Sen on Capabilities (numerous). Martha Nussbaum. Creating Capabilities (2011). |
|                     |   | Operationalising Sen's Ideas on Capabilities  |  |  |
|                     |   | Identifying Destitution Through Linked Subsets of Multidimensionally Poor           |  | Sabina Alkire on Multidimensional poverty (numerous)   |
| KREMER, Ilan        | Finance, game theory, general equilibrium theory, auction theory, option pricing                                      |   |  |  |
|                     |   |   |  |  |
| LOCKWOOD, Ben       | Political Economy (theoretical and empirical)   | the media and electoral competition   |  |  |
|                     | Local public finance, fiscal federalism   | effect of party control on fiscal policy at national or local level                 |  |  |
|                     | Behavioural economics and public policy   |   |  |  |
|                     | Economics of taxation   | taxation and growth, behavioral economics and tax evasion                           |  |  |
| MARTIN, Tom         | Development and applied microeconometrics   | Economic poverty, inequality and mobility<br>Microfinance<br>Economics of Education |  |  |
| McMAHON, Michael    | Monetary policy especially committes and communication  |   |  |  |
|                     | Fiscal policy   |   |  |  |
|                     | Business cycle research   |   |  |  |
|                     | Inventory analysis  |   |  |  |
| MILLER, Marcus      | Pecuniary externalities and boom/bust in asset markets  |   |  |  |
|                     | Economics of austerity in Europe and alternatives   |   |  |  |
|                     | Sovereign debt restructuring in Europe and Latin America  |   |  |  |
|                     | Monetary policy issues including Forward Guidance and QE  |   |  |  |
| MUKAND, Sharun      | Political Economy   |   |  |  |
|                     | Development Economics   |   |  |  |
|                     | Economics of Globalization  |   |  |  |
|                     | Behavioural Economics   |   |  |  |
| NAYLOR, Robin       | Returns to Education  |   |  |  |
|                     | Intergenerational Mobility  |   |  |  |
|                     | Educational Choice  |   |  |  |

|   | Educational Attainment   |   |  |  |
|---|--|---|--|--|
| NOGUERA, Guillermo                                      | International Trade  | Selection vs. treatment effects of international trade on firm-level productivity:                | Use FAME dataset on UK manufacturing firms to understand whether exporting makes firms more productive or firms that are more productive are the ones that export. This topic would be suitable for a student with an interest in trade and empirical industrial organization and a good understanding of or willingness to invest to learn panel data methods. Search for the literature on learning by exporting and production function estimation. See, for example, de Loecker 2013: <a href="http://dx.doi.org/10.1257/mic.5.3.1">http://dx.doi.org/10.1257/mic.5.3.1</a> .  |  |
|   | Global Value Chains  | Reshoring global value chains:  | There is significant interest in predicting the effect of an increase in trade protection between the US and Mexico and Canada on global value chains. Use the 2016 release of World Input Output Database to construct measures of value added trade, estimate gravity equations for both gross and value added trade, and predict the effect of an increase in trade costs. This topic would be suitable for a student with a good understanding of matrix algebra and intermediate knowledge of matlab for the construction of value added trade and stata for the estimation and counterfactual analysis. See my work on this for reference. |  |
|   | Applied econometrics   | Topics using value added trade constructed using the 2016 release of World Input Output Database. | There are many trade questions that can be revisited by studying them via the value added trade lens. See, for example, Johnson 2014: <a href="http://dx.doi.org/10.1257/iep.28.2.119">http://dx.doi.org/10.1257/iep.28.2.119</a> for a review of that literature.   |  |
|   | Empirical industrial organization  |   |  |  |
|   | Development economics  |   |  |  |
| OSWALD, Andrew  | Happiness and wellbeing data   |   |  |  |
|   | Herd behaviour   |   |  |  |
|   | Whether football managers perform better if they were very good players when young   |   |  |  |
|   | Why bosses tend to get over-confident in their abilities                             |   |  |  |
|   | Why the suicide risk is so high among middle-aged adults in the UK and other nations |   |  |  |
| How people are affected by the gender of their children |  |   |  |  |
| PAREDES FUENTES, Stefania                               | Priority for MSFE students   |   |  |  |
|   | Economic development , institutions and inequality                                   |   |  |  |
|   | resource/development/institutions/inequality   |   |  |  |
|   | Historical aspects of economic institutions  |   |  |  |
| PERRY, Motty  | Game Theory  |   |  |  |
|   | Economic Theory  |   |  |  |
|   | Mechanism Design   |   |  |  |
|   | Auction Theory   |   |  |  |
|   | Social Choice  |   |  |  |
|   | Information Economics  |   |  |  |
|   | Internet Economics   |   |  |  |
| POGORELSKIY, Kirill                                     | Political economy  |   |  |  |
|   | Game theory  |   |  |  |
|   | Mechanism design   |   |  |  |
|   | Experiments  |   |  |  |
| POLEMARCHAKIS, Herakles                                 | Borrowing : The Enforcement of Intertemporal Budget Constraints                      | The theory of practice of monetary and fiscal policy  |  |  |
|   | Information vs Communication   | Financial markets and economic activity   |  |  |
|   | Partial Implementation   | The rationality of individuals and groups?  |  |  |
|   | Comprehensive Monetary Policy: the Determination of the Price                        |   |  |  |
|   | Does Myopia Cause Business Cycles?   |   |  |  |
|   | First Impressions  |   |  |  |
| PROTO, Eugenio  | MSc BES students only  |   |  |  |
| REDOANO, Michela  | Tax competition  |   |  |  |
|   | Fiscal Federalism  |   |  |  |
|   | Empirical political economy  |   |  |  |
|   | Globalisation and government performance   |   |  |  |
| RISPOLI, Luciano  | Financial econometrics   | Forecasting applications of macroeconomics variables (GDP,  |  |  |
|   | Applied macro-econometrics   |   |  |  |
|   | Business cycle analysis  |   |  |  |

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|----------------------|--|--|--|--|
| RONCORONI, Camilla   | Industrial Organisation  |  |  |  |
|                      | Consumer Behavior  |  |  |  |
|                      | Entry models/ Barriers to entry  |  |  |  |
|                      | Retail Industry  |  |  |  |
| SCHARF, Kim          | Public finance (taxes/spending)  |  |  |  |
|                      | Behavioural public finance   |  |  |  |
|                      | Economics of philanthropy  |  |  |  |
| SERODIO, Pedro       | Priority for MSFE students   |  |  |  |
| SMITH, Jennifer      | Labour-Macro: Productivity, Migration, Wages, Unemployment/Employment  | Productivity   | Industry-level study of determinants of productivity. Regional study might also be feasible.   |  |
|                      |  | Impact of migration  | Evaluate impact of migration on any of (1) productivity; (2) wages; (3) employment; (4) unemployment; (5) "social cohesion" (local wellbeing measures). Use LFS or BHPS/Understanding Society datasets and various industry productivity datasets, which may be provided by negotiation.   |  |
|                      |  | Hollowing out  | Estimates of employment change by skill / occupation / earnings. To what extent have   |  |
|                      |  | Mismatch   | Estimate the extent of mismatch by occupation / industry / region. Can the UK's low  |  |
| SMITH, Jeremy        | Economics of Education   |  |  |  |
|                      | Applied time series (macro based topics as long as they have a   | Joint Topics with Robin Naylor   |  |  |
| SOEGAARD, Christian  | International Trade  |  |  |  |
|                      | Industrial Organisation  |  |  |  |
|                      | Political Economy  |  |  |  |
|                      | Labour Economics   |  |  |  |
| SQUINTANI, Francesco | Political Economy Theory   |  |  |  |
|                      | Theoretical Models of Communication  |  |  |  |
|                      | Theoretical Models of Asymmetric Information.  |  |  |  |
| TROEGER, Vera        | Comparative Political Economy  |  |  |  |
|                      | Quantitative Political Methodology   |  |  |  |
|                      |  |  |  |  |
| VAN RENS, Thijs      | Macroeconomics of the labour market (Please note that I am NOT interested in banking or international finance) | Skills gap in the UK   | Is there a skills gap in the UK? How large is it? What is causing this problem and what can we do about it? Is the skills gap, or skills mismatch more generally, responsible for unemployment? How much?  | <a href="http://thijsvanrens.com/su/SMF-CAGE-Policy-Briefing-Skills-Gap-081215.pdf">http://thijsvanrens.com/su/SMF-CAGE-Policy-Briefing-Skills-Gap-081215.pdf</a>  |
|                      | Applied econometrics (both time series and applied microeconomics)   | Effects of the sugar tax   | There is pressure on the UK government, including from the NHS, to tax sugar, or sugary drinks. Will such a tax be successful in reducing sugar consumption? What will be the effect of consumption of other food stuffs? How much revenue will a sugar tax generate? And what are the effects on the macroeconomy more generally? | <a href="https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/470179/Sugar_reduction_The_evidence_for_action.pdf">https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/470179/Sugar_reduction_The_evidence_for_action.pdf</a> ,<br><a href="http://www.independent.co.uk/news/uk/politics/sugar-tax-should-be-set-at-50-say-obesity-experts-56905501.html">http://www.independent.co.uk/news/uk/politics/sugar-tax-should-be-set-at-50-say-obesity-experts-56905501.html</a> |
|                      | Food security  |  |  |  |
| WALTHER, Selma       | Family Economics   | Risk sharing within the household  |  |  |
|                      | Labor Economics  | Wage shocks, rebargaining and divorce  |  |  |
|                      | Development Economics  | The One Child Policy and fertility timing  |  |  |
| WANG, Bingsong       | Macroeconomics of labour markets and business cycles   |  |  |  |
| WANG, Dandan         | Theoretical Econometrics   |  |  |  |
|                      | Time Series Econometrics   |  |  |  |
| WATERSON, Michael    | Supermarket pricing behaviour  | Confusion in supermarket pricing   | Analysis of price behaviour across firms and time  | Chakraborty et al, J., Monetary Econ, 2014   |
|                      | Energy storage   | The economics of long term energy storage  | Examining potential benefits and costs of storage over time, given cost structure  |  |
|                      | Development of chain stores  | The spread of a chain store over time  | Looking at the factors that influence where and when the store develops  |  |
|                      | Secondary markets in ticketing   | The nature of the ticketing market in country X                                      | Examining the influences on tickets moving to the secondary market   |  |
|                      | Bus contracting  | The role of bus garages in determining competition                                   | Looking at the effects of winning bidders over time in relation to the bus garages   |  |
| ZAMMIT, Nick         | Economic History   | Economic History of British Dominions (Canada, Australia, New Zealand, South Africa) | Looking at international trade, relative efficiency, resource dependency and economic geography.   |  |
|                      | Macroeconomics Growth (Long-run Macro)   | Economic History of Japan  | Looking at international trade, relative efficiency, resource dependency and economic geography.   |  |
|                      | Non-parametric Methods   |  |  |  |